

**REMARKS**

This Amendment is in response to the Final Office Action mailed September 5, 2008. Claims 7 and 17 have been rejected under 35 U.S.C. § 102(e) over Adelerhof et al. (WO 00/79298). Claims 2-8, 17 and 18 have been rejected on the grounds of non-statutory obviousness-type double patenting over claims 4, 7, 8 and 11 of U.S. Patent 7,187,167. Claims 7 and 17 have been amended hereby. Reconsideration of the present application is respectfully requested.

In paragraphs 7-11 of the Office Action, the previously submitted terminal disclaimer has not been accepted. Specifically, the attorney signing the terminal disclaimer was not of record in the present application. Applicants submit herewith a new terminal disclaimer signed by an attorney of record, along with the appropriate terminal disclaimer fee. Withdrawal of the rejection of claims 2-8, 17 and 18 for obviousness-type double patenting over U.S. Patent 7,187,167 is therefore respectfully requested.

In paragraphs 13-17, claims 7 and 17 have been rejected under § 102 over Adelerhof. Applicants respectfully traverse this rejection.

In paragraph 4 of the Office Action, in response to Applicant's previous arguments, the Office Action takes issue with the term "constructs" as previously used in claims 7 and 17. The Office Action notes that it is not specifically claimed that the magnetoresistance effect elements are electrically connected to each other. In order to further prosecution, Applicants have amended claims 7 and 17 to affirmatively recite that these elements are electrically connected in order to constitute an X or Y-axis magnetic sensor. Applicants respectfully submit that this amendment does not raise

new questions that require a further search and therefore request entry of this amendment.

As the elements in Adelerhof are not electrically connected as argued in Applicant's previous response, Adelerhof does not anticipate nor render obvious the present invention as recited in independent claim 7 and its dependent claim, claim 17. Withdrawal of the rejection of claims 7 and 17 on the basis of Adelerhof is therefore respectfully requested.

As each of the claims of the current application are currently in condition for allowance, such action is earnestly solicited.

Dated: December 5, 2008

Respectfully submitted,

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